

# ***IN WALL SPEAKERS***

## ***Constellation series***

THE NEXT GENERATION IN SOUND



**IWT63** - 6.5" woofer, 3-way  
**IWT83** - 8" woofer, 3-way



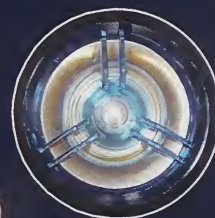
**IWT62** - 6.5" woofer, 2-way  
**IWT82** - 8" woofer, 2-way

+ / - 3 dB SWITCH



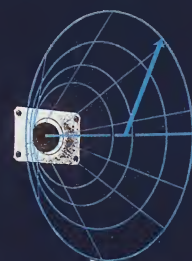
**MIDRANGE**

**SUPER TWEETER**



**ALUMINUM  
WOOFER**

**IWT63A** - 6.5" woofer, 3-way  
**IWT83A** - 8" woofer, 3-way



**Midrange Rotates 15°**

- **INSTALLS EASILY**
- **SWIVEL TWEETER / MIDRANGE**
- **LOW PROFILE**
- **PAINTABLE**
- **3 WAY or 2 WAY**



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# IN WALL SPEAKERS

ARCHITECTS AND ENGINEERS  
SPECIFICATION / TECHNICAL DATA

## GENERAL SPECIFICATIONS:



MODEL NUMBER:	IWT-62	IWT-82	IWT-63	IWT-83	IWT-63A	IWT-83A
DESCRIPTION:	6.5", 2-Way, Poly Carbonate Woofer with Swivel Tweeter	8", 2-Way, Poly Carbonate Woofer with Swivel Tweeter	6.5", 3-Way, Poly Carbonate Woofer with Swivel Tweeter	8", 3-Way, Poly Carbonate Woofer with Swivel Tweeter	6.5", 3-Way, Aluminum Woofer with Swivel Midrange and Tweeter	8", 3-Way, Aluminum Woofer with Swivel Midrange and Tweeter
IMPEDANCE:	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
SENSITIVITY(1W/1M):	89 dB	89 dB	89 dB	91 dB	88 dB	88 dB
MAX POWER:	80 Watts	100 Watts	80 Watts	100 Watts	150 Watts	200 Watts
NOMINAL POWER:	40 Watts	50 Watts	40 Watts	50 Watts	100 Watts	125 Watts
FREQUENCY RESPONSE:	55 Hz - 20 kHz	50 Hz - 20 kHz	55 Hz - 25 kHz	50 Hz - 25 kHz	55 Hz - 20 kHz	55 Hz - 20 kHz
CROSS OVER:	2.8 kHz	2.5 kHz	800 & 4 kHz	800 & 2.5 kHz	900 & 4.5 kHz	900 & 4.5 kHz
WOOFER SIZE:	6.5"	8"	6.5"	8"	6.5"	8"
WOOFER MATERIAL:	Poly Carbonate Rubber Surround	Poly Carbonate Rubber Surround	Poly Carbonate Rubber Surround	Poly Carbonate Rubber Surround	Aluminum	Aluminum
MIDRANGE SIZE:	N/A	N/A	1"	1"	1"	1"
MIDRANGE MATERIAL:	N/A	N/A	Silk Soft Dome	Silk Soft Dome	Ceramic Soft Dome	Ceramic Soft Dome
SWIVEL PARTS:	TWEETER	TWEETER	TWEETER	TWEETER	MIDRANGE	MIDRANGE
TWEETER SIZE:	1"	1"	1"	1"	1"	1"
TWEETER MATERIAL:	Silk Soft Dome	Silk Soft Dome	Titanium	Titanium	Poly Propylene	Poly Propylene
GRILL MATERIAL:	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
DIMENSIONS (HxWxD):	12" x 8 <sup>5/8</sup> " x 3"	14" x 10" x 3 <sup>5/8</sup> "	12" x 8 <sup>5/8</sup> " x 3"	14" x 10" x 3 <sup>5/8</sup> "	12" x 8 <sup>5/8</sup> " x 3"	14" x 10" x 3 <sup>5/8</sup> "
CUT OUT SIZE (HxW):	10 <sup>7/8</sup> " x 7 <sup>3/8</sup> "	12 <sup>3/4</sup> " x 8 <sup>3/4</sup> "	10 <sup>7/8</sup> " x 7 <sup>3/8</sup> "	12 <sup>3/4</sup> " x 8 <sup>3/4</sup> "	10 <sup>7/8</sup> " x 7 <sup>3/8</sup> "	12 <sup>3/4</sup> " x 8 <sup>3/4</sup> "
MOUNTING HARDWARE:	Kwik Klamps	Kwik Klamps	Kwik Klamps	Kwik Klamps	Kwik Klamps	Kwik Klamps
PAINTABLE:	YES	YES	YES	YES	YES	YES
COVERED OUTDOOR:	NO	NO	YES	YES	YES	YES



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